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Press Release

BEA Tuxedo 7.1 Delivers Powerful New Security Framework for E-Commerce Transactions

Enhanced Security and XML Support Strengthen B2B and B2C E-Commerce Capabilities in Market-Leading Transaction Server

BEA USERS CONFERENCE, SAN FRANCISCO, Calif.—February 22, 2000— With its introduction of BEA Tuxedo® 7.1, BEA Systems, Inc. (Nasdaq: BEAS), the E-Commerce Transactions Company™, has unveiled a powerful new weapon for transforming businesses into successful e-businesses. The latest version of the world's leading online transaction engine lets companies not only manage huge volumes of transactions speedily and without fail, but also gets sophisticated, secure business-to-business e-commerce systems to market fast in "Internet time."

BEA Tuxedo 7.1 features new levels of security software integration, queuing performance, threads-based programming support, and support for Internet standards such as XML. These enhancements build on the advanced message-routing and industry-leading transaction management capabilities that have made BEA Tuxedo the acknowledged leader in providing always-available, always-reliable e-commerce transactions. The result is a battle-tested transaction server that can significantly reduce both the time and effort needed to develop e-commerce applications with 24x7 availability, lightning-fast transaction speed, and the rock-solid transaction security the e-generation demands, especially with ever-increasing Web traffic volume.

"Mapping the world's premier transaction engine to the emerging realities of the Internet is a primary way BEA is helping businesses quickly transform themselves into successful integrated e-businesses," said Joe Menard, president of the BEA E-Commerce Server Division. "Increasingly, any successful e-commerce solution must be able to execute enormous numbers of transactions simultaneously and reliably, and do it fast. It has to communicate seamlessly with legacy systems, as well as with other businesses' back-end systems across the Web. And of course, its developers must be able to bring the system online securely and in keeping with today's rapid development and deployment requirements. BEA Tuxedo 7.1 delivers on all of these fronts."

ALLTEL Information Services Upgrades to Tuxedo 7.1

Among the early adopters of BEA Tuxedo 7.1 is ALLTEL Information Services, based in Little Rock, Arkansas. BEA Tuxedo is a core architectural component in ALLTEL's Service Delivery product offering. Targeted at the financial services industry, Service Delivery is an integrated suite of applications that lets banks and other institutions offer a range of financial services via the Internet as well as through call centers, tellers, and other delivery channels.

"BEA Tuxedo has long been our platform of choice for transaction processing, and its new capabilities keep it right in step with our customers' e-business needs," said Chad Fitz, senior programming manager for

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ALLTEL Information Services. "Tuxedo 7.1 will help us provide an even better software infrastructure for banks and other organizations that are under pressure to deliver fast and responsive e-commerce services for their customers."

New Security Framework

BEA has optimized BEA Tuxedo 7.1 for the Web by incorporating the following capabilities:

Especially significant for the e-generation, BEA Tuxedo 7.1 features a new "Security Framework" that offers application developers an array of options for increasing the security of e-commerce transactions. In addition to BEA Tuxedo's built-in security, BEA's Security Framework lets developers easily integrate BEA Tuxedo-powered applications with popular third-party security software products. The Security Framework also includes support for Public Key Infrastructure (PKI) encryption. PKI has been widely adopted by e-businesses as a method for securing the data stored in a transaction message buffer before it is routed over the Internet to another system. This new Security Framework enables companies to integrate important e-commerce security technologies, such as digital signatures, digital envelopes and -certificate authorities, for the highest level of security in their e-commerce applications.

XML support

XML is rapidly emerging as the standard for data interchange between business partners across the Web. Now, the growing number of business-to-business application developers who want to use XML can leverage BEA Tuxedo's high transactional capabilities for managing the interchange of XML data. By recognizing XML data types within a BEA Tuxedo message buffer, BEA Tuxedo 7.1 can route XML content in the way that best meets an e-commerce application's reliability, cost, or other requirements.

For instance, XML application developers can exploit BEA Tuxedo's data-dependent routing to change the path of a transaction and its subsequent processing based on the content of XML data, which helps ensure high system reliability and data availability as transaction volumes mount. Similarly, XML data such as a zip code can be used to route a customer order to a business partner's California distribution center, instead of using a location in New York, to save shipping costs.

Enhanced queuing

Queuing, or the storing and processing of transaction messages in a "message queue," is a proven way to ensure messages reach their intended destination even if the destination server goes down. BEA Tuxedo 7.1 incorporates a variety of queuing enhancements, including in-memory queuing, that delivers as much as a 30x increase in message queuing performance. Using BEA Tuxedo's queuing capabilities, developers can combine real-time transaction processing with deferred processing to optimize performance and response times for e-commerce applications.

Multi-threaded servers and applications

BEA Tuxedo now provides comprehensive support for application development using multi-threading operating systems and programming models. The new multi-threaded Tuxedo 7.1 services enable developers to utilize modern programming paradigms to produce efficient applications that leverage the resource utilization benefits provided by today's multi-threaded

operating systems. This enables applications to more efficiently perform multiple transaction sequences in parallel, such as checking a consumer's credit card history, verifying his or her ability to pay for a purchase, and updating the supplier's inventory database.

Availability

BEA Tuxedo 7.1 is scheduled to be available beginning in calendar Q2.

About BEA

BEA Systems, Inc. (Nasdaq: BEAS) is the E-Commerce Transactions Company™, powering many of the world's most innovative companies that serve the "e-generation," companies such as Amazon.com, Federal Express, E*TRADE, United Airlines, DIRECTV, Qwest, Nokia, and Kaiser-Permanente. The e-generation relies on the Web to conduct their everyday business, demanding richer, more personalized experiences and the guarantee that your Web site is always available — every minute of every day. The award-winning BEA E-Commerce Transaction Platform™, coupled with BEA consulting, education, and support services, helps companies launch reliable e-commerce initiatives quickly. BEA solutions help companies of all sizes build e-commerce infrastructures that leverage existing investments and provide the foundation for running a successful integrated e-business for the e-generation. BEA has more than 50 offices in 24 countries, is headquartered in San Jose, Calif., and is on the Web at www.bea.com.

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